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<b>Substitute for form 1449/PTO</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/037,480	
			Filing Date	January 4, 2002	
			First Named Inventor	Gregor Cevc	
			Art Unit	1797	
			Examiner Name	Ana M. Fortuna	
Sheet	1	Of	6	Attorney Docket Number	35946-703.301

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/AF/ ↓	1.	US 20070042030 A1	02/22/2007	Cevc	
	2.	US 4,731,210	03/15/1988	Weder et al.	
	3.	US 4,937,182	06/26/1990	Hancock et al.	
	4.	US 5,244,678	09/14/1993	Legros et al.	
	5.	US 5,614,178	03/25/1997	Bloom et al.	
	6.	US 5,648,095	07/15/1997	Ilium et al.	
	7.	US 5,681,849	10/08/1997	Richter et al.	
	8.	US 5,874,095	02/23/1999	Deckner et al.	
	9.	US 6,193,996	02/27/2001	Effing et al.	
	10.	US 6,200,598	03/13/2001	Needham	
	11.	US 6,248,353	06/19/2001	Singh	
	12.	US 6,277,892	08/21/2001	Deckner et al.	
	13.	US 6,645,529 A1	11/11/2003	Gergely et al.	
/AF/	14.	US 6,726,598	04/27/2004	Jarvis et al.	

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/AF/ ↓	15.	EP 0582239 (with English abstract)	02/09/1994	RHONE-POULENC RORER GMBH		
	16.	EP 1031346	05/02/2002	IDEA AG		
	17.	EP 1031347	04/17/2002	IDEA AG		
	18.	JP 2006131597 (with English abstract)	05/02/2006	Hisamitsu Pharmaceut CO inc		
/AF/	19.	WO 90/09385	08/23/1990	The Liposome Company Inc		

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/AF/	20.	WO 91/01146	02/07/1991	Praxis Biolog Inc		
	21.	WO 92/04009	03/19/1992	Univ London Pharmacy		
	22.	WO 95/35095	12/28/1995	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM		
	23.	WO 98/24407	06/11/1998	L'Oreal		
	24.	WO 01/000247	01/04/2001	The Liposome Company, Inc		
	25.	WO 01/01962	01/11/2001	IDEA Innovative GmBh		
	26.	WO 00/00597	01/06/2000	The University of Manitoba		
	27.	WO 00/44349	08/03/2000	IDEA AG		
	28.	WO 02/058670	08/01/2002	CHASIN, et al		
	29.	WO 02/32398	04/25/2002	KOHANE, et al		
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/AF/	32.	WO 06/050926	05/18/2006	IDEA AG		

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/AF/	33.	Almeida, et al. "Nasal delivery of vaccines," Journal of Drug Targeting, Vol 3, No 6, pp. 455-67 (1996).	
	34.	Byas-Smith, et al. "Transdermal clonidine compared to placebo in painful diabetic neuropathy using two stage 'enriched enrollment' design," Pain, Vol 60, pp. 267-274 (1995).	
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	36.	Castillo, et al. "Glucocorticoids Prolong Rat Sciatic Nerve Blockade In Vivo from Bupivacaine Microspheres," Anesthesiology, Vol 85, No 5, pp. 1157-66 (1996).	
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	38.	Cevc, et al. "New, Highly Efficient Formulation of Diclofenac for the Topical, Transdermal Administration in Ultradeformable Drug Carriers, Transfersomes, " Biochemica et Biophysica Acta 1514 (2001) 191-205.	
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	40.	Claims filed February 4, 2003, in connection with U.S. Patent Application No. 10/357,617 (U.S. Patent Publication No. US 2004/0071767 A1), under examination by Examiner Kishore of the USPTO.	
/AF/	41.	Claims filed May 12, 2004, in connection with U.S. Patent Application No. 10/357,618 (U.S. Patent Publication No. 2004/0105881 A1), under examination by Examiner Ghali of the USPTO.	

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/AF/	42.	Claims filed May 31, 2005, in connection with U.S. Patent Application No 10/984,450 (U.S. Patent Publication No US 2005/0123897 A1), under examination by Examiner Fortuna of the USPTO.	
	43.	Claims filed May 31, 2006, in connection with U.S. Patent Application No 10/984,450 (U.S. Patent Publication No US 2005/0123897 A1), Under examination by Examiner Fortuna of the USPTO.	
	44.	Claims filed October 20, 2006, in connection with U.S. Patent Application No. 10/357,617 (U.S. Patent Publication No. US 2004/0071767 A1), under examination by Examiner Kishore of the USPTO.	
	45.	Claims filed October 31, 2007, in connection with U.S. Patent Application No. 10/984,450 (U.S. Patent Publication No. US 2005/0123897 A1), under examination by Examiner Ana M. Fortuna of the USPTO.	
	46.	Claims presently pending in U.S. Patent Application No 09/890,335, under examination by Examiner Gangle of the USPTO.	
	47.	Claims presently pending in U.S. Patent Application No 09/890,371, under examination by Examiner Hissong of the USPTO.	
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/AF/	52.	Glen, et al. "Skin immunization made possible by cholera toxin 'letter'", Nature, GB, MacMillan Journal LTD., London, Vol 391, no 6670, pp. 851 (Feb 1998)	
	53.	Grahame, R. "Transdermal non-steroidal anti-inflammatory agents," BJCP, Vol 49, Nol , pp. 33-35 (Jan-Feb 1995).	
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		164 (1995).	
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	3.	US 5,498,418	03/12/1996	Beutner et al.	
↓	4.	US 6,303,141	10/16/2001	Fischer et al.	
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/AF/	6.	US 7,175,850	02/13/2007	Cevc	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
/AF/	7.	CA 2160775	11/24/1994	Meconi et al.		
↓	8.	DE 4107152 A1 (in German with English abstract)	09/10/1992	Cevc		
	9.	DE 4107153 A1 (in German with English abstract)	09/10/1992	Cevc		
↓	10.	EP 0102 324 English abstract	03/07/1984	Ciba-Geigy AG		
	11.	EP 0475160 B2 (in German with English abstract)	07/14/2004	Cevc		
/AF/	12.	EP 1140021 B1	08/04/2002	Cevc		

Examiner Signature	/Ana Fortuna/ (01/01/2008)	Date Considered	01/01/2008
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Substitute for form 1449/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/037,480
				Filing Date	January 4, 2002
				First Named Inventor	Gregor Cevc
				Art Unit	1797
				Examiner Name	Ana M. Fortuna
Sheet	2	Of	4	Attorney Docket Number	35946-703.301

NON PATENT LITERATURE DOCUMENTS			
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/AF/	13.	Appeal by Opponent - December 4, 1998, in connection with EP 0475160B1 Opposition (in German)	
	14.	Attachment filed by Opponent November 14, 1996 in connection with EP 0475160B1 Opposition (in German)	
	15.	Decision of EP Opposition Division July 30, 1998 in connection with EP 0475160B1 Opposition (in German)	
	16.	English translation of counterstatement of Patentee filed July 11, 1997 in connection with DE 4447287 C1 Opposition	
	17.	English translation of Opponent's response to Office Action filed March 17, 1998 in connection with DE 4447287 C1 Opposition	
	18.	English translation of Opposition filed February 6, 1997 in connection with DE 4447287 C1 Opposition	
	19.	English translation of Patentee's response to Office Action filed February 9, 1999 in connection with DE 4447287 C1 Opposition	
	20.	Opponent's response filed May 22, 1998 in connection with EP 0475160B1 Opposition (in German)	
↓	21.	Patentee communication to the EPO filed May 22, 1998 in connection with EP 0475160B1 Opposition (in German)	
/AF/	22.	Patentee's response to Opposition Request filed April 21, 1997 in connection with EP 0475160B1 Opposition (in German)	

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/AF/	23.	Pending claims in U.S. Application Serial No. 09/555,986	
	24.	Pending claims in U.S. Application Serial No. 10/037,480	
	25.	Pending claims in U.S. Application Serial No. 10/357,617	
	26.	Pending claims in U.S. Application Serial No. 10/357,618	
	27.	Pending claims in U.S. Application Serial No. 10/984,450	
	28.	Pending claims in U.S. Application Serial No. 11/545,904	
↓	29.	Response by Patentee filed April 19, 1999 in connection with EP 0475160B1 Opposition (in German)	
/AF/	30.	Search Report for PCT/EP91/01596	

UNPUBLISHED PATENT APPLICATIONS			
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/AF/	31.	Gregor CEVC. U.S. Application No. 11/667,325, entitled "Extended Surface Aggregates in the Treatment of Skin Conditions," filed on May 8, 2007.	

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/AF/	32.	Gregor CEVC. U.S. Application No.11/929,480, entitled "Method For Developing Testing, And Using Associates Of Macromolecules And Complex Aggregates For Improved Payload And Controllable De/Association Rates," filed on October 30, 2007.	
/AF/	33.	Gregor CEVC. U.S. Application No.11/929,544, entitled "Method For Developing Testing, And Using Associates Of Macromolecules And Complex Aggregates For Improved Payload And Controllable De/Association Rates," filed on October 30, 2007.	

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				Examiner Name	Ana M. Fortuna
Sheet	1	Of	1	Attorney Docket Number	35946-703.301

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/AF/	1.	EP 0152379 A2 (in German with English abstract)	02/11/1985	Muntwyler et al.		

## NON PATENT LITERATURE DOCUMENTS

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/AF/	2.	ANOSOV, et al. Electrical capacitance of hydrogenated egg lecithin bilayer lipid membranes in the lipid crystal to gel phase transition. Biofizika. 2003; 48(2): 240-245. (English Abstract)	
/AF/	3.	BURNHAM et al. The effectiveness of topical diclofenac for lateral epicondylitis. Clin J Sport Med. 1998; 8(2):78-81.	
/AF/	4.	CEVC et al. Ultradeformable lipid vesicles can penetrate the skin and other semi-permeable barriers unfragmented. Evidence from double label CLSM experiments and direct size measurements. Biochimica et Biophysica Acta. 2002; 1564:21-30.	
/AF/	5.	ERJAVEC, et al. In Vivo Study of Liposomes as Drug Carriers to Oral Mucosa using EPR Oximetry. Int. J. Pharmaceut. 2006; 307:1-8.	
/AF/	6.	FRISKEN, et al. Studies of vesicle extrusion. Langmuir. 2000; 16:928-933.	
/AF/	7.	HUNTER, et al. Effect of extrusion pressure and lipid properties on the size and polydispersity of lipid vesicles. Biophys J. 1998; 74:2996-3002.	
/AF/	8.	SAUNDERS et al. A novel skin penetration enhancer: evaluation by membrane diffusion and confocal microscopy. J Pharm Pharmaceut Sci. 1999; 2(3):99-107.	

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/AF/	1.	US 2004/0071767 A1	04/15/2004	Cevc	
/AF/	2.	US 2004/0105881 A1	06/03/2004	Cevc	
/AF/	3.	US 2005/0123897 A1	06/09/2005	Cevc	
/AF/	4.	US 2007/0031483 A1	02/08/2007	Cevc	

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/AF/	5.	Office Action issued August 10, 2006, in connection with U.S. Patent Application No. 09/555,986, under examination by Examiner Gollamudi S. Kishore of the USPTO.	
/AF/	6.	Office Action issued January 19, 2007, in connection with U.S. Patent Application No. 10/357,617 (U.S. Publication No. 2004/0071767), under examination by Examiner Gollamudi S. Kishore of the USPTO.	
/AF/	7.	Office Action issued May 16, 2007, in connection with U.S. Patent Application No. 10/984,450 (U.S. Publication No. 2005/0123897), under examination by Examiner Ana M. Fortuna of the USPTO.	
/AF/	8.	Office Action issued August 2, 2007, in connection with U.S. Patent Application No. 10/357,618 (U.S. Publication No. 2004/0105881), under examination by Examiner Isis A. D. Ghali of the USPTO.	
/AF/	9.	Office Action issued August 17, 2007, in connection with U.S. Patent Application No. 09/284,683 (U.S. Publication No. 2002/0048596), under examination by Examiner Gollamudi S. Kishore of the USPTO.	

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/AF/	11.	Gregor CEVC. U.S. Application No.09/555,986, entitled "Method for developing, testing and using associates of macromolecules and complex aggregates for improved payload and controllable de/association rates," filed on August 17, 2000.

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